



Gulf Gear LD 80W-90

Automotive Gear Oil

Product Description:

Gulf Gear LD 80W-90 is a supreme performance heavy duty axle oil specifically designed to meet the requirements of highly loaded axles used in latest generation commercial vehicles. **Gulf Gear LD 80W-90** is formulated from high quality base stocks and latest additive technology for commercial vehicle rear axle applications to provide extended oil drain periods, enhanced load carrying, improved fuel economy and thermal stability combined with seals performance.

Gulf Gear LD 80W-90 meets Daimler's latest MB 235.20 axle oil specification and the requirements of major OEMs for transmission oils.

Gulf Gear LD 80W-90 has excellent load carrying capabilities and thermo-oxidative stability facilitate longer component life and extended oil drain interval. Stable viscometrics provide optimal film thickness, component protection, low temperature oil flow and maintain efficiency over extended period. Effective rust and corrosion protection reduces wear and extends component life & good anti-foam properties ensure film strength for effective lubrication. Improved dynamic seal performance prevents leakages and deposits even in extended duration.

Gulf Gear LD 80W-90 is exclusively developed for Mercedes-Benz HL-6 axles and also for applications requiring axle oil meeting MB 235.0 & MB 235.6 specification for enhanced performance. Also suited for heavy duty on-highway vehicles and off-highway equipment transmissions, axles and final drives where API GL-5, API MT-1 or SAE J 2360 quality oils are specified & for other heavy-duty applications involving hypoid and other gears operating under severe conditions like high speed/shock load and/or low speed/high torque.

!!! Not suitable for automatic transmissions.

<u>Property:</u>	<u>Test Method:</u>	<u>Typical Values:</u>	<u>Specifications:</u>
SAE Viscosity Grade	(SAE J300)	80W-90	<u>Meets:</u>
Density @ 15°C	(ASTM D4052)	900 kg/m ³	API GL-5/MT-1, SAE J2360
Viscosity @ 40°C	(ASTM D7042)	141 mm ² /s	US Army MIL-PRF-2105E
Viscosity @ 100°C	(ASTM D7042)	14.6 mm ² /s	Mack GO-J, Scania STO 1:0
Brookfield Viscosity @ -26°C	(ASTM D2983)	130600 cP	ZF TE-ML 07A/16C/16D
Viscosity Index	(ASTM D2270)	103	<u>Approved by:</u>
Flash Point (COC)	(ASTM D92)	210°C	MAN 342 Type M-2
Pour Point	(ASTM D97)	-30°C	MB-Approval 235.20
			ZF TE-ML 05A/12E/16B/17B/19B/21A